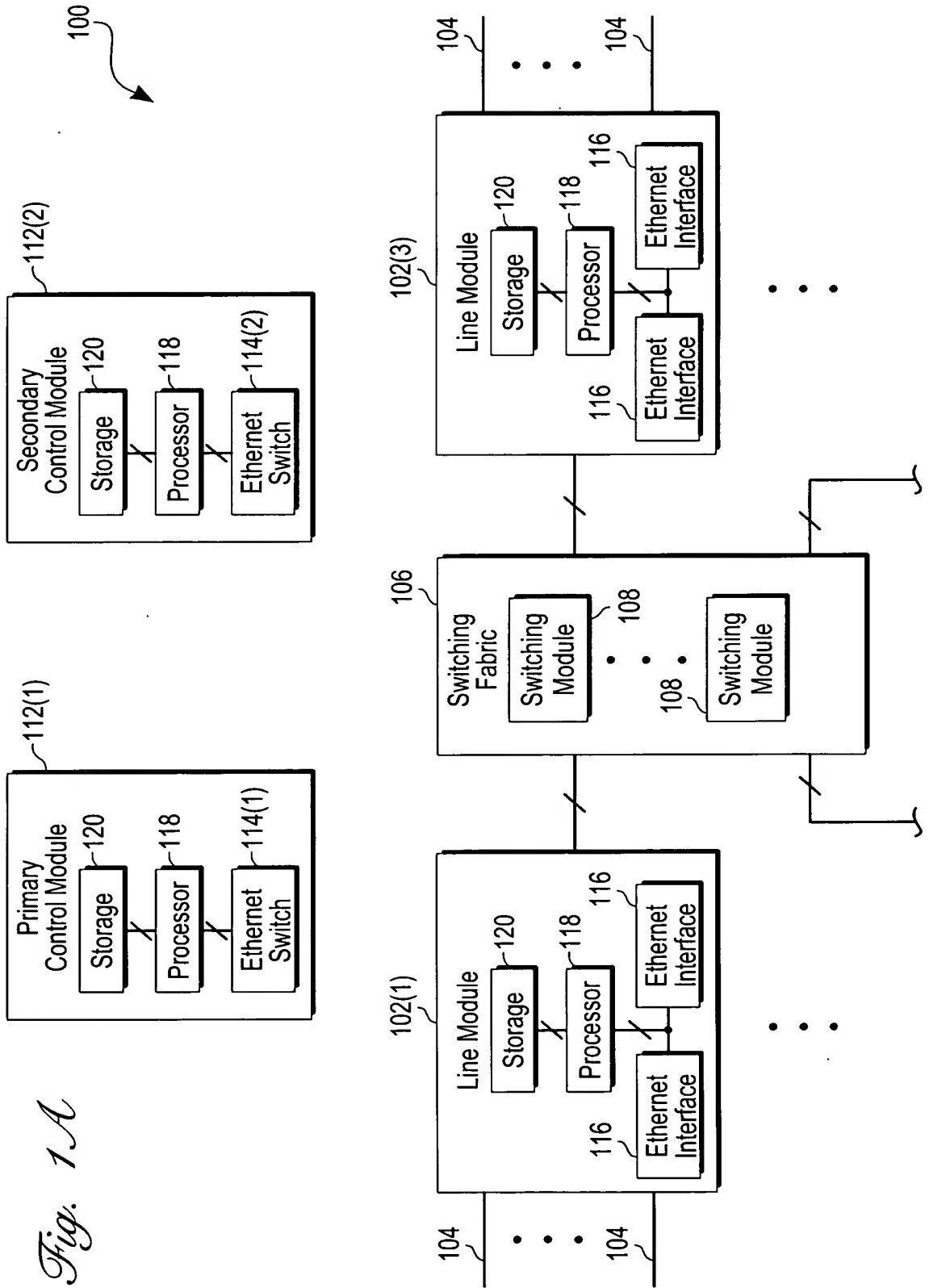


+

FIG. 1A



+

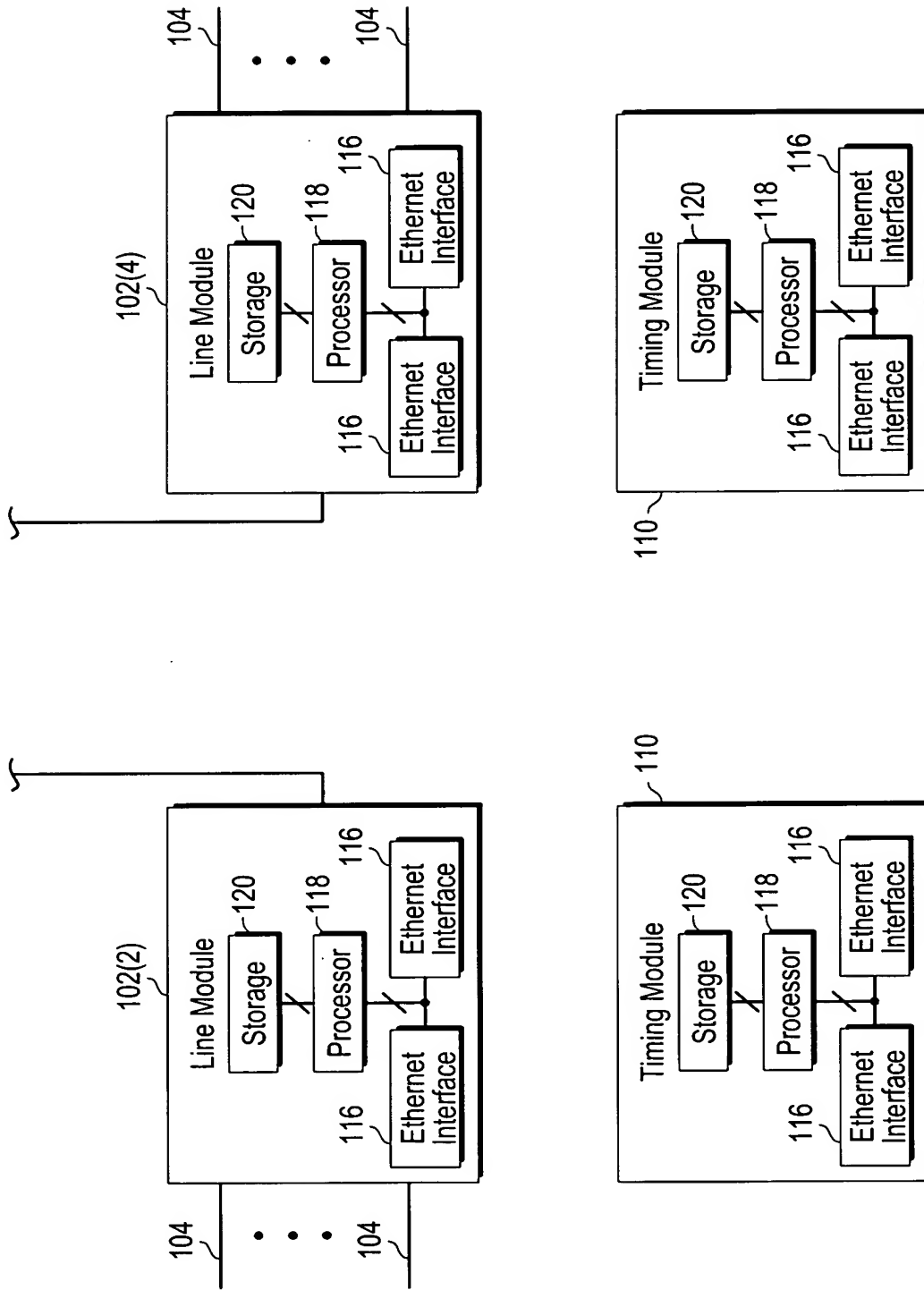
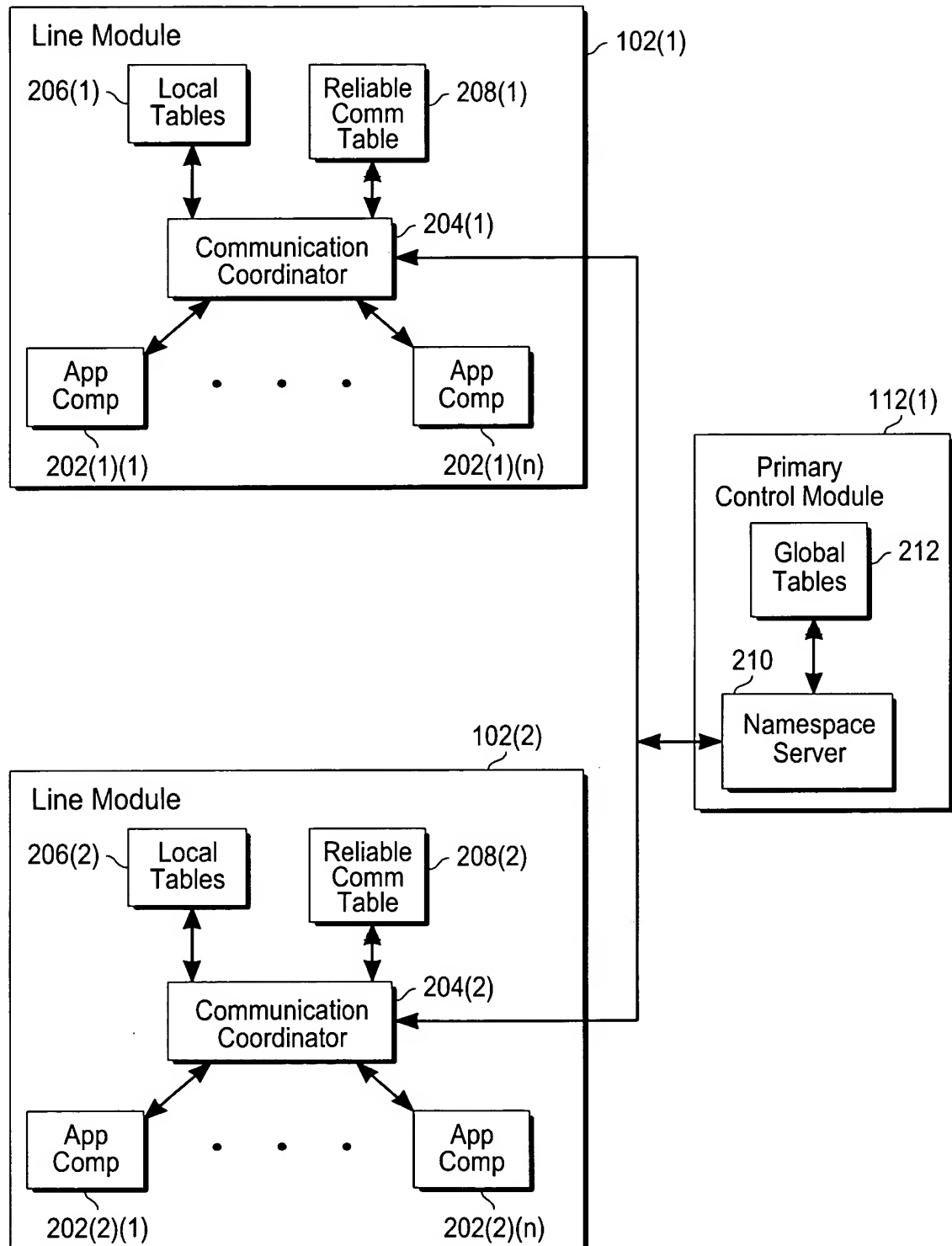


Fig. 1B

*Fig. 2*

+

Local Publishers Table 302

Namespace	Reference to Publisher	IP address/Port #
/LM/1/Monitor/Event/LOS	P1	X1, Y1

310

Fig. 3A

Local Subscribers Table 304

Namespace	Reference to Subscriber	IP address/Port #	Reliability	Priority
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
/LM/1/Monitor/Event/LOS	S2	X2, Y2	Best Effort	Normal

312

314

Fig. 3B

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+

Local Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
320 /LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
322 /LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal

306

Fig. 36

Local Clients Table

Namespace	Reference to Client	IP address/ Port #
324 /LM/2/Foo/Op/Set	S1	X1, Y1

308

Fig. 37

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402

Local Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
/LM/2/Foo/Event/Sleep	P2	X2, Y2

410

Fig. 4A

404

Local Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
*/Event/LOS	S2	X2, Y2	Best Effort	Normal
/LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal

412

414

Fig. 4B

+

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Local Servers Table

Namespace	Reference to Server	IP address/ Port #	Reliability	Priority
420 /LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal
422 /LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal

406

Fig. 4C

Local Clients Table

Namespace	Reference to Client	IP address/ Port #
424 /LM/1/Monitor/Op/Get	S2	X2, Y2

408

Fig. 4D

+

+

FIG. 5A

502

Global Publishers Table

Namespace	Reference to Publisher	IP address/ Port #
510 /LM/1/Monitor/Event/LOS	P1	X1, Y1
512 /LM/2/Foo/Event/Sleep	P2	X2, Y2
514 /LM/3/Bar/Event/Wake	P3	X3, Y3
⋮	⋮	⋮

Fig. 5A

8/10

504

Global Subscribers Table

Namespace	Reference to Subscriber	IP address/ Port #	Reliability	Priority
516 /LM/2/Foo/Event/Sleep	S1	X1, Y1	Reliable	Normal
518 /*/Event/LOS	S2	X2, Y2	Best Effort	Normal
520 /LM/4/Test/Event/True	S3	X4, Y4	Best Effort	Normal
⋮	⋮	⋮	⋮	⋮

Fig. 5B

+

Global Servers Table

Namespace	Reference to Server	IP address/Port #	Reliability	Priority
520 /LM/1/Monitor/Op/Get	P1	X1, Y1	Best Effort	Normal
522 /LM/2/Foo/Op/Set	P2	X2, Y2	Best Effort	Normal
•	•	•	•	•
•	•	•	•	•
•	•	•	•	•

506

Fig. 5C

Global Clients Table

Namespace	Reference to Client	IP address/Port #
524 /LM/2/Foo/Op/Set	S1	X1, Y1
526 /LM/1/Monitor/Op/Get	S2	X2, Y2
•	•	•
•	•	•
•	•	•

508

Fig. 5D

+

Reliable Communication Table

208(1)

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X2, Y2	2040	50	
.	.	.	.
.	.	.	.
.	.	.	.

610

Fig. 6

Reliable Communication Table

208(2)

IP address/ Port #	Sending Sequence #	Receiving Sequence #	Missing Sequence Number List
X1, Y1	50	2040	
.	.	.	.
.	.	.	.
.	.	.	.

710

Fig. 7

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